



California Regional Water Quality Control Board Central Valley Region

Karl E. Longley, ScD, P.E., Chair



Linda S. Adams
Secretary for
Environmental
Protection

415 Knollcrest Drive, Suite 100, Redding, California 96002
(530) 224-4845 • Fax (530) 224-4857
<http://www.waterboards.ca.gov/centralvalley>

Arnold
Schwarzenegger
Governor

NOTICE OF APPLICABILITY

12 March 2009

CERTIFIED MAIL
7007 3020 0003 0353 3882

Mr. Robert Perreault
Public Works Director
Plumas County Department of Public Works
1834 East Main Street
Quincy, CA 95971

GENERAL ORDER NO. R5-2008-0082-011, NPDES NO. CAG995002, WASTE DISCHARGE REQUIREMENTS FOR LIMITED THREAT DISCHARGES TO SURFACE WATER, GOPHER HILL LANDFILL LEACHATE DISPOSAL, PLUMAS COUNTY

The Regional Water Quality Control Board (Regional Water Board) has received Plumas County's National Pollutant Discharge Elimination System (NPDES) permit application. Based on the information provided in the application, Plumas County proposes to continue discharging leachate from a Class II surface impoundment associated with the Gopher Hill Landfill near Quincy. The Gopher Hill Landfill and associated surface impoundment, leachate collection and removal system are operated by Plumas County Department of Public Works on property owned by the U.S. Department of Agriculture Forest Service.

Both the Gopher Hill Landfill and surface impoundment are currently regulated under *Waste Discharge Requirements (WDR) Order No. R5-2004-0062 for Plumas County and U.S. Department of Agriculture Forest Service for Corrective Action and Closure of Gopher Hill Class III Municipal Solid Waste Landfill and Class II Surface Impoundment, Plumas County*. Surface water discharges from the surface impoundment are regulated under *WDR Order No. R5-2002-0159, NPDES No. CA0084875, for County of Plumas and U.S. Department of Agriculture Forest Service, Gopher Hill Landfill Leachate Disposal System, Plumas County*. The Gopher Hill Landfill was formally closed in 2006. This Notice of Applicability applies coverage under NPDES General Order No. R5-2008-0082 for the leachate discharge to surface waters. Existing NPDES Permit No. R5-2002-0159 will be rescinded.

Discharge Description

Currently landfill leachate is collected in a lined 1.055 million gallon surface impoundment located on assessor's parcel 113-101-002. Collected untreated leachate is periodically discharged to Spanish Creek at location latitude 39 deg, 56' 58.9" longitude -121 deg, 2', 14.28" immediately downstream of the Snake Lake Road bridge near the intersection of Snake Lake Road and Bucks Lake Road. Discharge from the Class II Surface Impoundment has occurred 62 days over the most recent 5 year period. Average discharge flow is 0.08 million

gallons per day (mgd) or 0.124 cubic feet per second (cfs). Average flow in Spanish Creek during periods of leachate discharge is approximately 300 cfs.

Spanish Creek is tributary to the Feather River. The Feather River is a CWA Section 303d listed, cold water fishery, tributary to the Sacramento River, the confluence of which is located between the State Highway 32 Bridge at Hamilton City and the I Street Bridge in Sacramento. This discharge will not cause further water quality degradation relative to the Section 303d listings.

Notice of Applicability

Based on the data provided in the permit application, data provided in historic monthly discharge reports prepared by the dischargers consultant, and requested supplemental data, Regional Water Board staff finds that the above mentioned discharge is authorized under the terms and conditions of *General Order No. R5-2008-0082-011, NPDES No. CAG995002, Waste Discharge Requirements for Limited Threat Discharges of Treated/Untreated Groundwater from Cleanup Sites, Wastewater from Superchlorination Projects, and other Limited Threat Wastewaters to Surface Water* (General Order).

You are hereby assigned General WDRs Order No. R5-2008-0082 for discharges from the Class II Surface Impoundment associated with the Gopher Hill Landfill. A copy of the General Order is enclosed for your use. **Please read this Notice of Applicability and the General Order carefully. You must maintain copies of these documents at the facility for reference and use by operations personnel.**

Facility-Specific Requirements

In addition to the terms and conditions outlined in the General Order and WDR Order No. R5-2004-0062, the following shall also apply.

1. Discharge to Spanish Creek from 15 May through 31 October is prohibited.
2. Discharge to Spanish Creek when flow in Spanish Creek provides less than 100:1 dilution is prohibited.
3. The daily maximum discharge rate shall not exceed 0.18 mgd, (0.28 cfs).
4. The monthly average discharge rate shall not exceed 0.035 mgd, (0.054 cfs).

Monitoring and Reporting Program

Monitoring stations shall be established as outlined in the General Order, Attachment E, Table E-1 as summarized below.

Monitoring Location Descriptions

Monitoring Location	Monitoring Location Description
EFF-001	A location where a representative sample of the effluent can be collected prior to discharging to surface water (i.e. Surface water from Class II Impoundment)
RSW-001	Approximately 200 feet upstream of the discharge point
RSW-002	Approximately 200 feet downstream of the discharge point

Discharger shall monitor the limited threat discharge as follows. Note that if treatment is required in the future, this monitoring program is subject to change.

Monitoring Location EFF-001

Parameter	Units	Sample Type	Minimum Sampling Frequency	Required Analytical Test Method
Total Flow	gpd	Measurement	1/ Day *	***
Electrical Conductivity	µmhos/cm	Grab	1/ Month	***
Total Hardness (CaCO ₃)	mg/L	Grab	1/ Month	***
pH	units	Grab	1/ Day *	***
Whole Effluent Toxicity	--	--	1/ Year**	--

* When discharging to surface water

** Whole effluent toxicity samples shall be collected once per year during initial discharge. Samples shall be analyzed for both Acute and Chronic Toxicity in accordance with methodology described in the General Order, Appendix E, Section V. Chronic Toxicity and 126 priority pollutants as listed in Table E-3 of the General Order shall be analyzed once during the next 5 years.

*** Pollutants shall be analyzed using the analytical methods described in 40 CFR Part 136

Monitoring Location RSW-001

Parameter	Units	Sample Type	Minimum Sampling Frequency	Required Analytical Test Method
Total Hardness (CaCO ₃)	mg/L	Grab	1/ Year*	**

* Samples shall be collected once per year during initial discharge.

Monitoring Location RSW-002

Parameter	Units	Sample Type	Minimum Sampling Frequency	Required Analytical Test Method
Total Hardness (CaCO ₃)	mg/L	Grab	1/ Year*	**

* Samples shall be collected once per year during initial discharge.

Additional Receiving Water Monitoring

A log shall be kept of the receiving water conditions throughout the reach bounded by RSW-001 and RSW-002. Discharger shall record the following observations on the last day of each discharge event and include a record of the observations in each quarterly monitoring report.

1. Floating or suspended matter
2. Discoloration
3. Bottom deposits including fungi, slimes, or objectionable growths
4. Aquatic life
5. Visible films, sheens, coatings, or potential nuisance conditions

Facility Monitoring

Facility monitoring shall be conducted in accordance with WDR Order No *R5-2004-0062 for Plumas County and U.S. Department of Agriculture Forest Service for Corrective Action and Closure of Gopher Hill Class III Municipal Solid Waste Landfill and Class II Surface Impoundment, Plumas County*. A record of the observations shall be included in each quarterly monitoring report.

Reporting

Authorized dischargers shall report the results for all monitoring specified in the Monitoring and Reporting Program as specified in applicable Sections III through X (summarized above) in Appendix E of the General Order. Dischargers shall submit quarterly SMRs including the results of all required monitoring using USEPA-approved test methods or other test methods specified in the General Order. If a discharger monitors any pollutant more frequently than required by the General Order, results of the monitoring shall be included in SMR.

Monitoring periods and reporting for all required monitoring shall be completed according to the following schedule:

Monitoring and Reporting Schedule

Sampling Frequency	Monitoring Period Begins	Monitoring Period	SMR Due Date*
1/ Day	Notice of Applicability (NOA) Effective Date	One calendar day	1 May 1 August 1 November 1 February
1/ Month	1 st day of calendar month following NOA effective date or on NOA effective date if that date is 1 st day of month	1 st day of calendar month though last day of calendar month	1 May 1 August 1 November 1 February
1/ Year	1 January following (or on) NOA effective date	1 January through 1 December	1 February

* Report dates represent 1st day of second month following quarter end.

SMRs must be submitted to the Regional Water Board, signed and certified as required by the Standard Provisions (Attachment D of the General Order).

If you have any questions regarding the Notice of Applicability or the permit, please contact Clint Snyder at (530) 224-3213 or via email at csnyder@waterboards.ca.gov. All technical reports required by this Notice should be sent to his attention.

ORIGINAL SIGNED BY James C. Pedri, Assistant Executive Officer

(For) PAMELA C. CREEDON
Executive Officer

CES: sae

Enclosures: General Order No. R5-2008-0082 including Standard Provisions

cc w/o encl: U.S. Army Corps of Engineers, Sacramento
U.S. Environmental Protection Agency, Region 9, San Francisco
U.S. Fish and Wildlife Service, Sacramento
National Marine Fisheries Service, Santa Rosa
Department of Water Resources, Northern District, Red Bluff
Department of Fish and Game, Region 1, Redding
Department of Health Services, Office of Drinking Water, Redding
Mr. Phil Isorena, SWRCB, Division of Water Quality, Sacramento
Ms. Lori Okun, SWRCB, Office of Chief Counsel, Sacramento
Plumas County, Board of Supervisors, Quincy
Plumas County Environmental Health Dept., Quincy
George Low, VESTRA Resources, Inc., Redding